The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A communication system comprising:

a public switched telephone (PST) network;

an internet protocol (IP) network;

a private branch exchange (PBX) with a telephone coupled thereto to route a telephone call over the PST network;

a user CTI control mechanism having-an interface via which each of a plurality of particular users can configure a CTI application to logically associate a computer and a gateway telephone in physical proximity to the computer with the telephonic identity of that particular user, and including integrating enterprise **[[wide]]** directory information into the operation of the CTI control mechanism with respect to that particular user, wherein the enterprise **[[wide]]** directory is a directory of named objects, including users, network devices and network services; and

a voice gateway coupled to the PBX and to the lP network to route a telephone call over the IP network, the voice gateway configured to support a plurality of numbering plans.

2. (Previously Presented) A communication system according to claim 1 wherein the voice gateway is coupled to the PBX via a call status-call control link to control operation of the telephone.

3. (Currently Amended) A communication system according to claim 1, wherein the enterprise **[[wide]]** directory information is coupled to the voice gateway, and wherein the voice gateway is configured to access the enterprise **[[wide]]** directory information and to control the telephone to support the plurality of numbering plans.

4. (Previously Presented) A communication system according to claim 1 wherein the plurality of numbering plans supported includes at least one numbering plan from a group consisting of;

a uniform numbering plan (UNP);

an enterprise numbering plan (ENP); and

a PSTN numbering plan; and

a direct trunk group access code.

5. (Currently Amended) A method of operating a communication system to route a telephone call over an internet protocol (IP) network, the communication system having a plurality of voice gateways coupled to the IP network, each of the plurality of voice gateways identified by an IP address, the method comprising steps of:

providing a user CTI control mechanism having an interface via which each of a plurality of particular users can configure a CTI application to logically associate a computer and a gateway telephone in physical proximity to the computer with the telephonic identity of that particular user, and including integrating enterprise **[[wide]]** directory information into the operation of the CTI control mechanism with respect to that particular user, wherein the enterprise **[[wide]]** directory is a directory of named objects, including users, network devices and network services;

accepting a number entered via a calling telephone by a user in accordance with one of a plurality of numbering plans;

translating the number into the IP address of one of the plurality of voice gateways; and

routing the telephone call from the calling telephone to a called telephone.

6. (Previously Presented) A method according to claim 5 wherein the communication system further comprises a gateway database coupled to the plurality of voice gateways, the gateway database having the IP addresses of the plurality of voice gateways stored therein, and wherein the step of translating the number comprises steps of:

accessing the gateway database with one of the plurality of voice gateway; and

associating the number with an IP address in the gateway database.

7. (Previously Presented) A method according to claim 6 wherein the step of associating the number with an IP address comprises the step of manipulating a digit of the number.

8. (Previously Presented) A method according to claim 5 wherein the step of translating the number includes the step of translating a number from at least one numbering plan from a group consisting of:

a uniform numbering plan (UNP);

an enterprise numbering plan (ENP); and

a PSTN numbering plan; and

a direct trunk group access code.

9. (Previously Presented) A method according to claim 5 the step of routing the telephone call comprises the step of controlling the plurality of voice gateways to route the telephone call from a first voice gateway over the IP network to a second voice gateway.

10. (Previously Presented) A method according to claim 5 wherein the communication system further comprises a plurality of private branch exchanges (PBXs) coupled to a public switched telephone (PST) network, each of the plurality of PBXs coupled to one of the plurality of voice gateways through a call status-call control link, and wherein the step of routing the telephone call further comprises the step of controlling a private branch exchange connected to the second voice gateway to route the telephone call to the called telephone.

11. (Previously Presented) A method according to claim 10 wherein the called telephone is coupled to the private branch exchange through the PST network, and wherein the step of routing the telephone call further comprises the step of controlling the PBX connected to the second voice gateway to route the telephone call over the PST network to the called telephone.

12. (Previously Presented) The method of claim 1, wherein:

the interface is a browser interface.

13. (Previously Presented) The method of claim 12, wherein:

the browser interface is a browser interface of the computer to be logically associated with the gateway telephone.

14. (Previously Presented) The method of claim 5, wherein:

the interface is a browser interface.

15. (Previously Presented) The method of claim 14, wherein:

the browser interface is a browser interface of the computer to be logically associated with the gateway telephone.